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New claims

1. Method for determining deviations of an end-system message (17) of modular structure generated in a hierarchically-structured end system of a telecommunications device by comparison with a reference message (7) with the following procedural stages:

- reading in of a reference message (7),
- reading in of an end-system message (17) generated in the end system,
- implementation of a message-structure analysis of the reference message (7),
- implementation of a message-structure analysis of the generated end-system message (17),
- determination of deviations of the end-system message (17) from the reference message (7) with regard to the structure and the values for parameters of structural units, and
- presentation of structural units (23, 24, 24.1_{END}, 24.1.1_{END}, 28) deviating from the reference message (7) indicating the values of the parameters of the respective structural units of the end-system message (17) generated in the end system.

2. Method according to claim 1, **characterised in that** identical structural units (29, 30) of the reference message (7) and of the end-system message (17) generated in the end system are additionally presented, wherein the structural units (23, 24, 24.1_{END}, 24.1.1_{END}, 28) of the end-system message (17) deviating from the reference message (7) are

presented in a manner graphically distinguishable from the identical structural units (29, 30).

3. Method according to claim 1 or 2,

characterised in that

structural units (24.1_{REF}, 24.1.1_{REF}, 24.1.1.1_{REF}, 24.1.1.2_{REF}, 24.1.1.3_{REF}) only present in the reference message (7) are additionally presented in a manner graphically distinguishable from the other structural units.

4. Method according to any one of claims 1 to 3,

characterised in that

structural units (24.1_{END}, 24.1.1_{END}) only present in the generated end-system message (17) are presented in a manner graphically distinguishable from the other structural units.

5. Method according to any one of claims 1 to 4,

characterised in that

the structural units (23, 24, 24.1_{END}, 24.1.1_{END}, 24.1_{REF}, 24.1.1_{REF}, 24.1.1.1_{REF}, 24.1.1.2_{REF}, 24.1.1.3_{REF}, 27, 29, 30) at least of the end-system message (17) are presented in a manner corresponding to the modular construction.

6. Method according to any one of claims 1 to 5,

characterised in that

the presentation is provided in a first region (20) of a screen display.

7. Method according to any one of claims 1 to 6,

characterised in that

the structural units (23, 24, 24.1_{END}, 24.1.1_{END}, 27, 29, 30) of the end-system message (17) are presented in a second region (21) with an indication of detailed information regarding the data stream of the end-system message (17), wherein the structural units (23, 24, 24.1_{END}, 24.1.1_{END}, 27) deviating from the reference message (7) are presented in a manner distinguishable from the other structural units of the second region (21).

8. Method according to any one of claims 1 to 7,

characterised in that

the structural units (23, 24, 24.1_{REF}, 24.1.1_{REF}, 24.1.1.1_{REF}, 24.1.1.2_{REF}, 24.1.1.3_{REF}, 29, 30) of the reference message (7) are presented in a third region (22) with an indication of detailed information of the data stream of the reference message (7), wherein the structural units (23, 24, 24.1_{REF}, 24.1.1_{REF}, 24.1.1.1_{REF}, 24.1.1.2_{REF}, 24.1.1.3_{REF}) deviating from the end-system message (17) are presented in a manner distinguishable from the other structural units of the third region.

9. Digital storage medium with electronically-readable control signals, which can co-operate with a programmable computer or digital signal processor in such a manner that the method according to any one of claims 1 to 8 is implemented.

10. Computer software with program-code means for the implementation of all stages according to any one of claims 1 to 8, when the software is run on a computer or a digital signal processor.

11. Computer software with program-code means, for the implementation of all stages according to any one of claims 1 to 8, when the software is stored on a machine-readable data carrier.

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12. Computer software product with program-code means stored on a machine-readable data carrier, for the implementation of all stages according to any one of claims 1 to 8, when the software is run on a

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computer or a digital signal processor.